

Riccardo Bellingeri

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Summary

Software Engineer with 13+ years building products across fintech, lending and e-commerce. Full-stack with deep Frontend expertise spanning design systems, web performance, and microservices. Consistently steps into technical leadership, owning products end-to-end, mentoring engineers, and driving standards across teams.

Skills

- **Code:** TypeScript, React, Next.js, Node.js, Kafka, Tailwind, Go, GraphQL
- **Architecture:** Microservices, BFF Pattern, Design Systems, Web Performance, Accessibility, Istio
- **Cloud & CI/CD:** AWS, Kubernetes, Docker, GitHub Actions, serverless, Datadog
- **Databases:** PostgreSQL, MongoDB, SQLite
- **AI & Tools:** Agent Development, Prompt Engineering, Spec-Driven Development, GitHub Copilot, Figma
- **Languages:** English, Italian, French, Spanish

Experience

Bread Financial **Apr. 2020 – present** · New York, NY

Staff Software Engineer

- Led the **Servicing Portal** from day one, driving architecture and technical direction. Used daily by ~100 agents (80 CS, 20 fraud ops) across the US and India, handling 9K-16K calls/month to manage the full lending lifecycle: customer data, communications, disputes, and workflow automation for all loan products.
- Built the servicing experience for a novel hybrid payment product: an open-ended credit line that converts to a traditional loan. Delivered a full dispute management system replacing an external Salesforce workflow.
- Migrated from a 2-repo Node/Express + React setup to a Next.js monorepo with tRPC, consolidating frontend and backend into a single codebase.
- Enhanced CI/CD pipelines across 10+ repos, cutting manual release time from ~15 minutes to ~1 minute.
- Built auto-generated API clients from OpenAPI specs for 20+ microservices, providing API consumers with a scalable, consistent integration layer.
- Built and maintained **Dough**, Bread's component library implementing the company-wide design system, adopted across 4 products. Introduced TypeScript, visual regression testing, and automated versioning.
- Architected and led the rollout of custom AI agents and reusable agent skills to automate repetitive tasks and standardize agentic contributions to the codebase.

- Drove observability improvements (distributed tracing, Splunk monitors, Datadog dashboards), reducing daily error log noise from 10K+ to ~400.

Hudson's Bay Company Jan. 2017 – Apr. 2020 · New York, NY

Gilt.com, Saks Fifth Avenue, Lord & Taylor, Saks Off 5th, The Bay. Transferred from Dublin, Ireland to New York.

Lead Software Engineer

- Built a global Nav menu, redesigned Category Landing Page, maintained the Checkout flow with integrations including Apple Pay, AliPay, and Amex Express Checkout, and shipped GDPR compliance tooling.
- Led a team of 3 engineers on a Site Speed initiative across all company banners, reducing asset size by up to 60% and achieving FCP under 1s on 4G. Applied critical render path optimization, font de-duping, above-the-fold CSS prioritization, brotli compression, lazy loading, and ES modules.
- Built an automated benchmarking pipeline (Puppeteer, Lighthouse, WebPageTest on Kubernetes, results in InfluxDB/Grafana) to track page load metrics daily.
- Led a revamped Rewards program for Hudson's Bay (loyalty points, partner redemptions).

Deloitte Digital Mar. 2016 – Jan. 2017 · Dublin, Ireland

Frontend Engineer

- Built the web app powering leading bookmaker Paddy Power, and developed blockchain POCs for the bank regulatory industry at the Deloitte EMEA Blockchain Lab.

Firstborn Mar. 2015 – Mar. 2016 · New York, NY

Frontend Engineer (*internship*)

- Built high visual impact microsites for brands like Clash of Clans, Mountain Dew, Pepsi and Ralph Lauren, using WebGL and GSAP to craft purposeful, delightful interactive web experiences.

Alpenite Feb. 2013 – Feb. 2015 · Venice, Italy

Full Stack Engineer

- Built e-commerce platforms for luxury brands including Balmain, Lancôme, BVLGARI, and Tod's on Magento and Adobe AEM.

Education

- B.S. Computer Science - Ca'Foscari, Venice (2013)
- ERASMUS Scholarship - Paris Cité University (2010)